

## **Summary**

A receiver for an OTDM/PDM pulse train (10) in which the pulses (12) have alternating polarizations (P1, P2) has a polarization insensitive optical switch (16; 161, 162, 163, 164) for isolating optical pulses (10') within the pulse train (10), and a polarization selective element (17) for separating from the isolated pulses (10') at least one component that has a single polarization. This allows to considerably relax the constraints posed on the switch since components in the isolated pulses that result from interchannel interference can, at least to a large extent, be eliminated by the subsequent polarization selective element (17).